Setellectual Property Administration ctoveland, Colorado 80537-0599

IN THE U.S. PATENT AND TRADEMARK OFFICE **Patent Application Transmittal Letter**

COMMISSIONER FOR PATENTS PO Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): (X) Utility () Design

(X) original patent application,

() continuation-in-part application

16834 U.S. PTO 10/772808

INVENTOR(S): Szafraniec

TITLE:

HETERODYNE OPTICAL NETWORK ANALYSIS THAT UTILIZES SIGNAL MODULATION

Enc	losed are:	
(X)	The Declaration and Power of Attorney. (x) signed	() unsigned or partially signed
(X)	sheets of drawings (one set)	() Associate Power of Attorney
()	Form PTO-1449 (X) Information Disc	closure Statement and Form PTO-1449
()	Priority document(s) ()(Other)	(fee \$)

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY							
(5) OTALS		(4) RATE	(3) NUMBER EXTRA	(2) NUMBER FILED	(1) FOR		
36	\$	X \$18	2	22 — 20	TOTAL CLAIMS		
0	\$	X \$86	0	3 — 3	INDEPENDENT CLAIMS		
0	\$	\$290		0	ANY MULTIPLE DEPENDENT CLAIMS		
770	\$	ty (\$770.00)	BASIC FEE: Design (\$340.00); Utility (\$770.00)				
806	\$	OTAL FILING FEE	TOTAL FILING FEE				
	\$	OTHER FEES	OTHER FEES				
806	\$	POSIT ACCOUNT	TOTAL CHARGES TO DEPOSIT ACCOUNT				

Charge \$ 806 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.25. CFR 1.16, 1.17,1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. ER620826746US

Date of Deposit 2/5/2004

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Alexandria, VA,22318 Patents, Box 1450.

Typed Name: Mark A. Wilson

Respectfully submitted.

Szafraniec

Mark A. Wilson

Attorney/Agent for Applicant(s)

Reg. No.

43,994 Date: 2/5/2004

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